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Approved For Release 2000/08/18 : CIA-RDP64-00360R000700070020-6

SAPC 2236

Copy 5 of 8

20 October 1955

**MEMORANDUM FOR THE RECORD**

**SUBJECT:**

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Report of Trip - Baird Associates, Inc.  
Cambridge, Massachusetts  
Project [REDACTED] - Contract No. B-5111

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1. [REDACTED] and [REDACTED] traveled to Cambridge on 17 October, 1955 to visit Baird Associates, Inc., 33 University Road, Cambridge, Massachusetts for the purpose of discussing negotiations of a contract for work on a navigational system for high altitude aircraft. This visit was a follow-up of a meeting held on 14 October, 1955 in Washington, D.C. between Agency personnel (Mr. Bissell, [REDACTED] and Baird personnel (Dr. Billings and Mr. Burley).

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2. Meetings were held with Dr. Baird, president, Mr. Francis Chamberlin, treasurer, Mr. Hills and Mr. Burley, engineers. Results of the meeting were favorable and a letter contract (No. B-5111) was written on the spot and signed by Dr. Baird for the Contractor and by [REDACTED] Agency Contracting Officer. Agreement was reached on a fee of [REDACTED] head and G & A in accordance with rates established for Baird Associates, Inc. by the cognizant DOD audit service (Navy) and treatment of overtime as a direct charge to the project.

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3. This contract calls for a study of the feasibility of a navigational system proposed by Dr. James Baker which utilizes the aspect of the sun as an orienting system, along with the possibility of using Polaris or other celestial bodies for a night time capability. It does not, however, preclude examination of any other system which might satisfy our need for an automatic or semi-automatic system of good reliability and light weight and having day and night capability. Such study is to be completed by 17 November, 1955, or sooner. If such study indicates that a navigational system incorporating the necessary elements of reliability, size, weight, presentation, etc., is feasible, subsequent contractual arrangements will be made for the production of a prototype. Subsequent to successful testing of a prototype, production will be entered into.

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4. Dr. Baker will serve as a consultant to this project, either under a sub-contract with Baird Associates, Inc. directly or through a contract between Dr. Baker and the Agency which would make Dr. Baker's services available to Baird Associates, Inc.

5. A steering committee has been organized to work with Baird Associates, Inc. and the first meeting is to be held in Cambridge on 25 October, 1955. It will consist of Dr. Baker, secretary, [REDACTED] Dr. Bruce Billings, Dr. Baird and Mr. Richard Bissell, Jr. It is expected, also, that a representative from Bell Telephone Laboratories will participate, as well as perhaps Mr. Hills and Mr. Burley of Baird Associates, Inc.

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6. Telephone contracts with Baird Associates, Inc. can be made through the following telephone number.

Elliot 4-3373  
Cambridge, Massachusetts

Such telephone number is listed in the name of the Universal Machine Corporation.

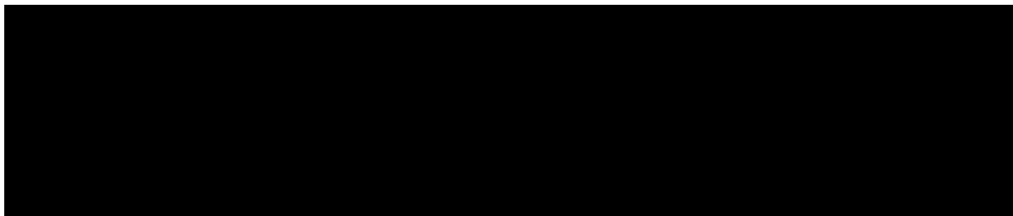
7. The following persons at the Contractor's plant are known to be witting of Agency interest:

Dr. Walter Baird, President  
Mr. Francis Chamberlin, Treasurer  
Mr. Robert Hills, Engineer  
Mr. Burley, Engineer  
*Dr. Billings, Inv. Pres.*

It is anticipated that some 20 persons at Baird may from time to time be working on this project but that they will not be knowledgeable of Agency interest.

8. Present elements of cost at Baird are as follows:

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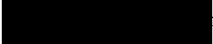

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9. Baird Associates, Inc. is to send us a proposal in the near future.

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**CONTRACTING OFFICER**

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